



TimePunch

TimePunch Datafox 1.8

User Manual

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Introduction

This document describes the usage of the TimePunch Datafox Module in order to connect the RFID time recording devices from Datafox™

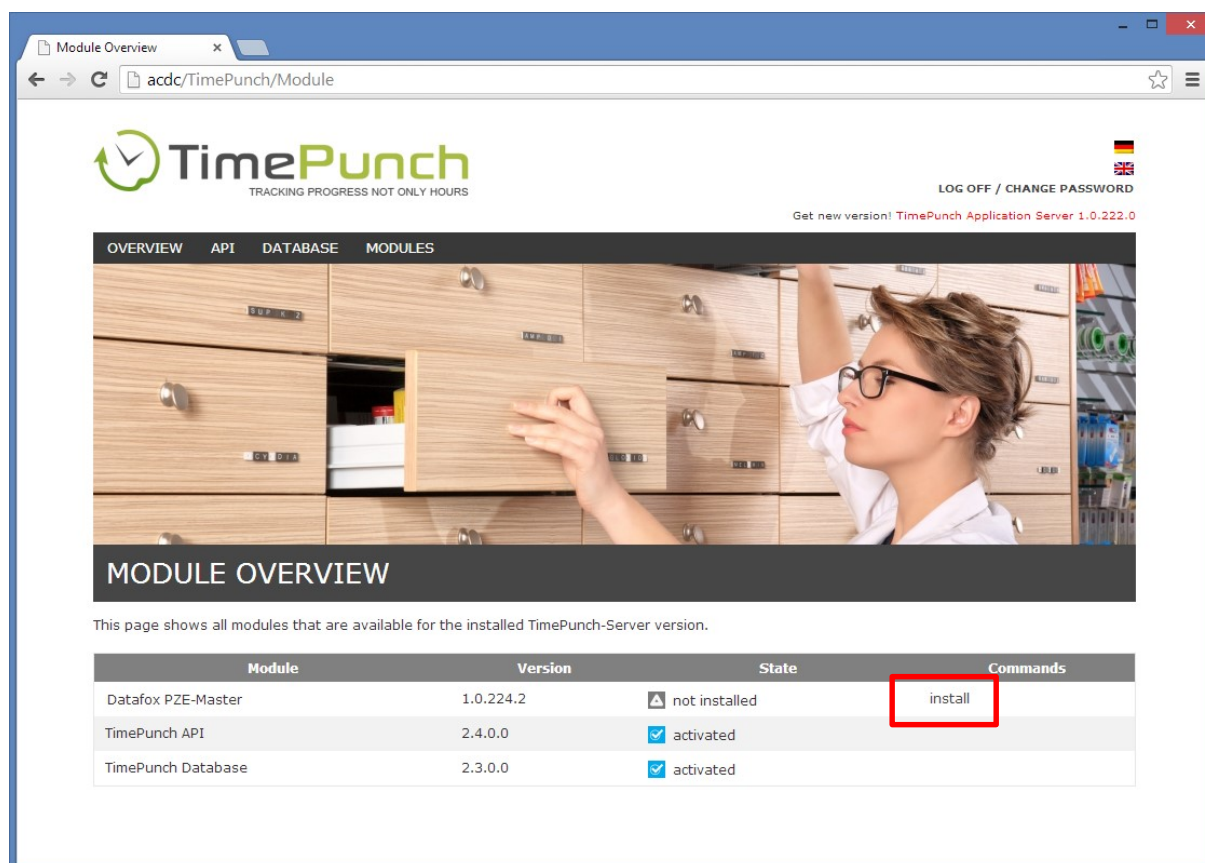
Prerequisite

The prerequisite for the installation is a successful installed and running TimePunch Application Server and at least one time recording device (e.g. PZE-Master IV) from Datafox™ with an installed TimePunch Setup.

The time recording device must be ordered from the TimePunch KG and will be delivered with the installed TimePunch Setup.

Installation

In order to install the Datafox module, an administration login to the TimePunch Application Server is necessary. The Datafox module can be installed from the administration area.



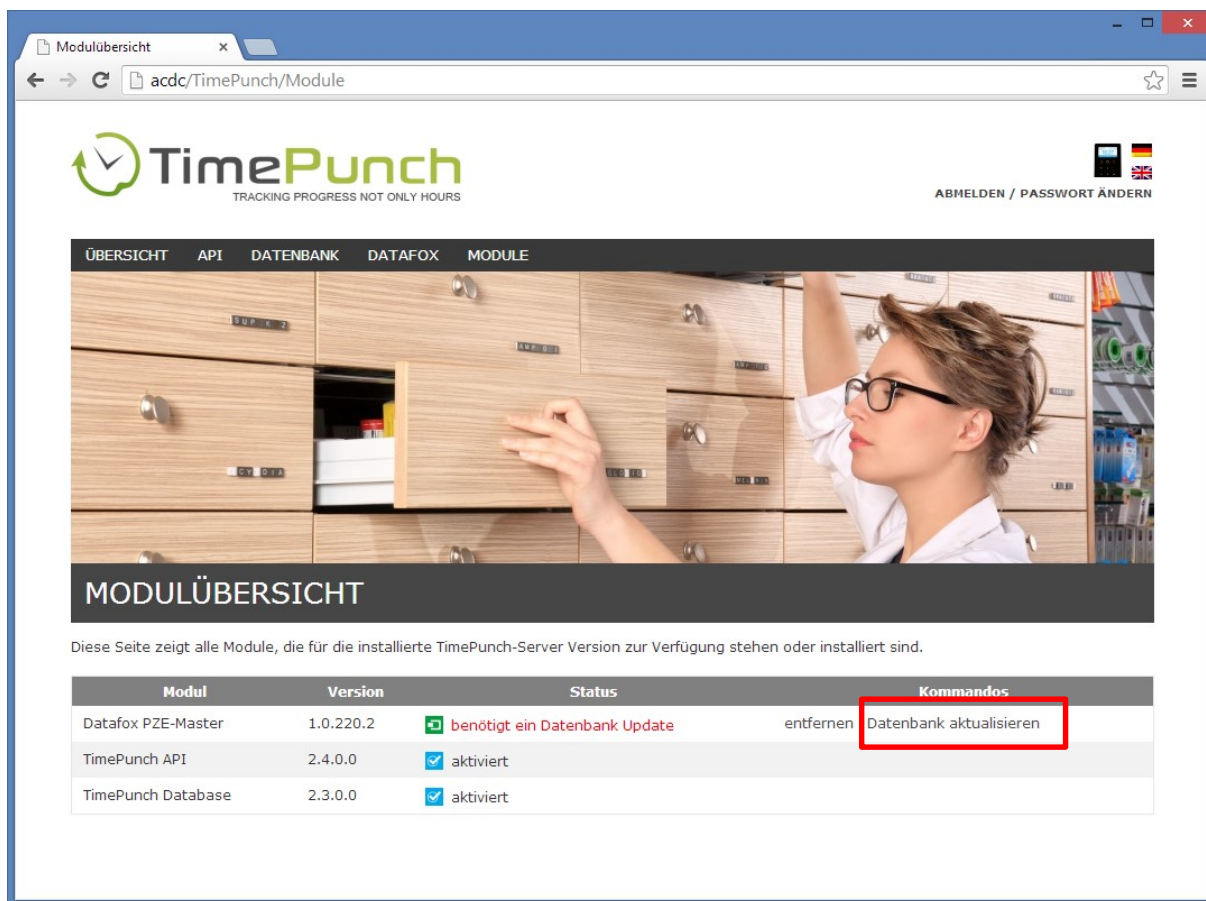
The screenshot shows the TimePunch application server administration interface. The page title is "Module Overview" and the URL is "accdc/TimePunch/Module". The interface includes a navigation bar with "OVERVIEW", "API", "DATABASE", and "MODULES". A banner image shows a woman interacting with a wooden cabinet. Below the banner, the text "MODULE OVERVIEW" is displayed. A paragraph states: "This page shows all modules that are available for the installed TimePunch-Server version." Below this is a table with the following data:

Module	Version	State	Commands
Datafox PZE-Master	1.0.224.2	not installed	install
TimePunch API	2.4.0.0	activated	
TimePunch Database	2.3.0.0	activated	

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Database-Configuration

After the successful installation, the database has to be prepared for using the Datafox Module. The update gets started with the command “Update Database”.



The screenshot shows the TimePunch web interface. The top navigation bar includes 'ÜBERSICHT', 'API', 'DATENBANK', 'DATAFOX', and 'MODULE'. The main content area is titled 'MODULÜBERSICHT' and contains a table of modules. The table has columns for 'Modul', 'Version', 'Status', and 'Kommandos'. The 'Datafox PZE-Master' module is highlighted with a red box around the 'Datenbank aktualisieren' command.

Modul	Version	Status	Kommandos
Datafox PZE-Master	1.0.220.2	benötigt ein Datenbank Update	entfernen Datenbank aktualisieren
TimePunch API	2.4.0.0	aktiviert	
TimePunch Database	2.3.0.0	aktiviert	

Configuration

The following pages describe the configuration of the Datafox Module.

Administration of the Datafox time recording devices

After the installation of the Datafox module the time recording devices can be added and modified in menu “Datafox / Configuration”.

The screenshot shows the TimePunch web application interface. The browser address bar displays 'acdc/TimePunch/Datafox/ConfigIp'. The page features a navigation menu with 'OVERVIEW', 'API', 'DATABASE', 'DATAFOX', and 'MODULES'. The main content area is titled 'DEVICES UTILIZING THE IP-CONNECTION'. Below the title, there is a text block explaining that the table contains all available devices connected via IP-Connection. A red box highlights the 'Add', 'Edit', and 'Remove' buttons, along with a 'Show 10 entries' dropdown. Below this, a table with columns 'Serial Nr.', 'Description', 'IPAddress', 'Port', and 'Connection Type' is shown. The table currently displays 'No data available in table'. At the bottom, it indicates 'Showing 0 to 0 of 0 entries' and includes 'Previous' and 'Next' navigation links.

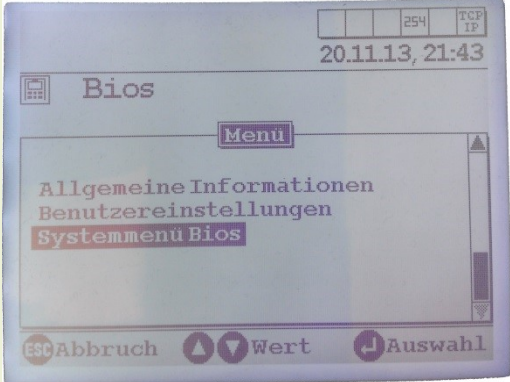

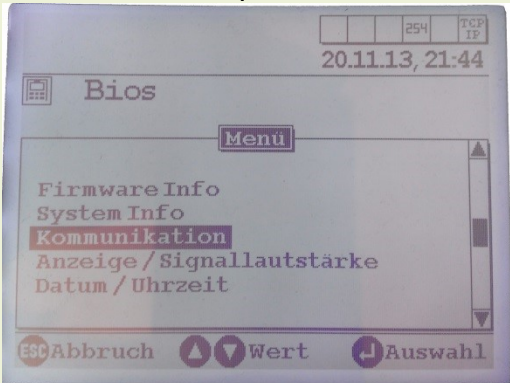
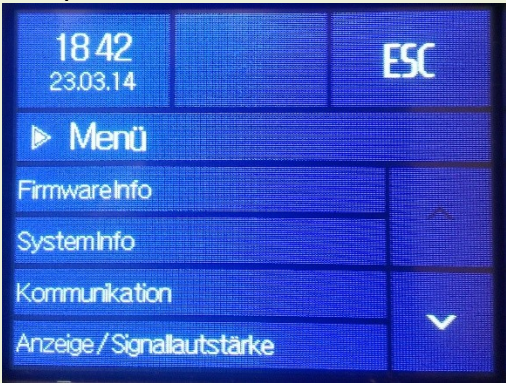
Serial Nr.	Description	IPAddress	Port	Connection Type
No data available in table				

Showing 0 to 0 of 0 entries

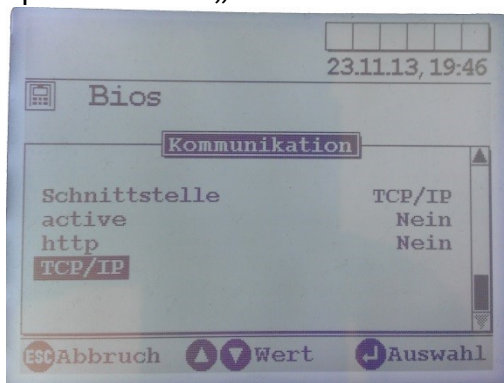
Adding the Datafox time recording devices to the network

In order to add a new Datafox time recording devices to the local area network, a valid IP address has to be assigned to it. This can be done via the DHCP server within the network or by setting up a static IP-Address for the device.

For that the following steps are necessary.

PZE Master IV	PZE Evo
<p>Pressing the up and down arrow simultaneously will open the device bios.</p> 	<p>Pressing the TimePunch logo for 5 seconds will open the device bios.</p> 
<p>When opening the system menu bios, the bios password is required. By using the arrow down and up, the digit can be changed. Moving to the next digit can be done with the Logoff and Logon Button. To accept the password press "return" at the device.</p> <p>The Bios Password will be send with the delivery of the device.</p>	<p>When opening the system menu bios, the bios password is required. The four digits must be entered and accepted with return.</p> <p>The Bios Password will be send with the delivery of the device.</p>
<p>Then open the system menu bios and switch to communication. You will be asked to disconnect the communication. This must be accepted.</p> 	<p>Then open the system menu bios and switch to communication. You will be asked to disconnect the communication. This must be accepted.</p> 

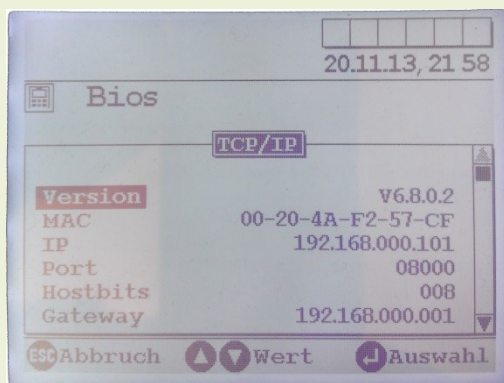
Now choose the interface TCP/IP and then open the menu „TCP/IP“.



Now choose the interface LAN or WLAN and then open the menu „lanparameters“.



At this point the static IP address of the device can be set. If the IP address shall be set dynamically via the DHCP Server, one must set the IP address to "0.0.0.0". The concrete assigned IP address must be looked up at the DHCP Server.



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After that, exit all dialogs with ESC and re-start the PZE Master.

After that, exit all dialogs with ESC and re-start the PZE Master.

Adding a new Datafox time recording device

With the “Add” button new time recording devices can be added. The following input is required.

The screenshot shows the TimePunch Datafox configuration interface. A modal window titled "Neues Zeiterfassungsgerät hinzufügen" is open, displaying the following fields:

- Seriennummer: 4432
- Channel Id: 6
- Beschreibung: Büro
- IP-Adresse: 192.168.0.101
- Port: 8000
- Verbindungsart: Geraet sendet Daten und wird taeglich aktualisiert (selected)

Buttons for "Gerät hinzufügen" and "Geräteinitialisierung" are visible. Below the modal, a table lists existing devices:

Seriennummer	Channel Id	Beschreibung	IP-Adresse	Port	Verbindungsart
2655	1	Büro	192.168.1.221	8000	Server ruft Daten ab und aktualisiert das Geraet taeglich
3000	2	Büro1	192.168.1.219	8000	Server ruft Daten ab und aktualisiert das Geraet taeglich

Name	Description
Serial Nr.	That's the serial number of the time recording device. The serial number can be found on the back of the device and is used to identify the device.
Channel ID	A unique identifier of the device beginning with 1.
Description	A free text description in order to allow more easy identification of the device.
IP-Adresse	The IP address of the device. The IP address can be set dynamically via the DHCP or static directly at the device itself.
Port	That is the used port. It's set up default at port 8000 and should only be changed if the port is already used for another application.
Connection-Type	<u>Device sends data and will updated daily:</u> The device sends the data automatically to the server. Additionally this connection type defines that the device gets updated automatically every night with the valid transponder data and time accounts.

Device sends data, but will be updated only manually:

This connection will be used when the device is not always reachable. E.g. for the Timeboy which can send the data, but can't be updated automatically every night, because it's not in reach.

Server polls data and will update the device daily:

This connection type will force the server to poll the data from the device. This is because some devices do not support active sending the data to the server. In this case the server polls the data every minute.

If you are not sure which connection type to use, ask the support which connection type is recommended for your device.

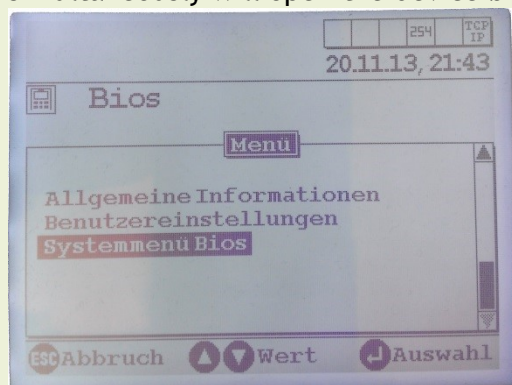
Initialization of the Datafox time recording device

In order to set up the Datafox time recording device with the necessary connection parameter to the server, it has to be initialized. This can be done with the button "Initialize device" in the configuration page of the Datafox module.

But before the initialization can be started, it is important the device is ready for receiving the data. For that the following needs to be done.

PZE Master IV

Pressing the up and down arrow simultaneously will open the device bios.



PZE Evo

Pressing the TimePunch logo for 5 seconds will open the device bios.



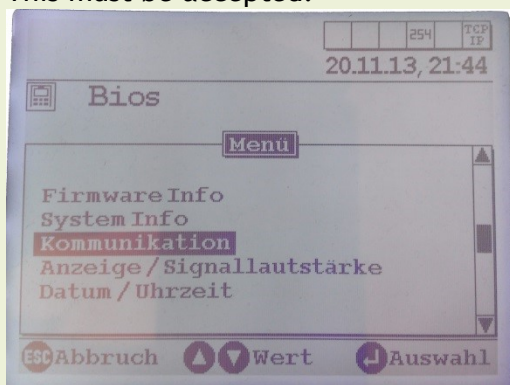
When opening the system menu bios, the bios password is required. By using the arrow down and up, the digit can be changed. Moving to the next digit can be done with the Logoff and Logon Button. To accept the password press “return” at the device.

The Bios Password will be send with the delivery of the device.

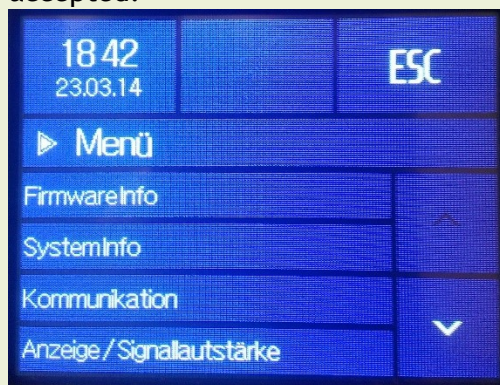
When opening the system menu bios, the bios password is required. The four digits must be entered and accepted with return.

The Bios Password will be send with the delivery of the device.

Then open the system menu bios and switch to communication. You will be asked to disconnect the communication. This must be accepted.



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Now set “active” and “http” to NO.



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After that, exit all dialogs with ESC and re-start the PZE Master.

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1. The Datafox time recording device can now be initialized with a click to the “Initialize device” button.

TimePunch
TRACKING PROGRESS NOT ONLY HOURS

ABMELDEN / PASSWORT ÄNDERN

ÜBERSICHT API DATENBANK DATAFOX MODULE

ZEITERFASSUNGSGERÄTE MIT IP ANBINDUNG

Auf dieser Seite können alle angeschlossenen Geräte konfiguriert werden.
Die folgende Tabelle enthält alle verfügbaren Geräte, die durch eine IP- Verbindung entweder über LAN oder W-LAN verbunden sind.

Hinzufügen Ändern Entfernen 10 Einträge anzeigen Suchen

Seriennummer	Channel Id	Beschreibung	IP-Adresse	Port	Verbindungsart	
2655	1	Büro	192.168.1.221	8000	Geraet sendet Daten, aber wird nur manuell aktualisiert	Geräteinitialisierung
3000	2	Büro1	192.168.1.219	8000	Geraet sendet Daten, aber wird nur manuell aktualisiert	Geräteinitialisierung
3001	3	Büro2	192.168.1.218	8000	Geraet sendet Daten, aber wird nur manuell aktualisiert	Geräteinitialisierung

2. After the successful initialization, the Datafox time recording device must be restarted.

Information:

If the connection type gets changed from “automatic update” to “manual update” or vice versa, the time recording device needs to be initialized again. For that the points 1 to 3 needs to be executed again, in order to make the Datafox time recording device ready to receive the data.

If the Datafox time recording device does not get prepared with Step 1 to 3, the connection to the device cannot be established.

Administration

After successfully finishing the hardware configuration, the TimePunch Profiles can be assigned to the used RFID transponder. Prerequisite for that is, that the TimePunch Profiles has already been created in TimePunch.

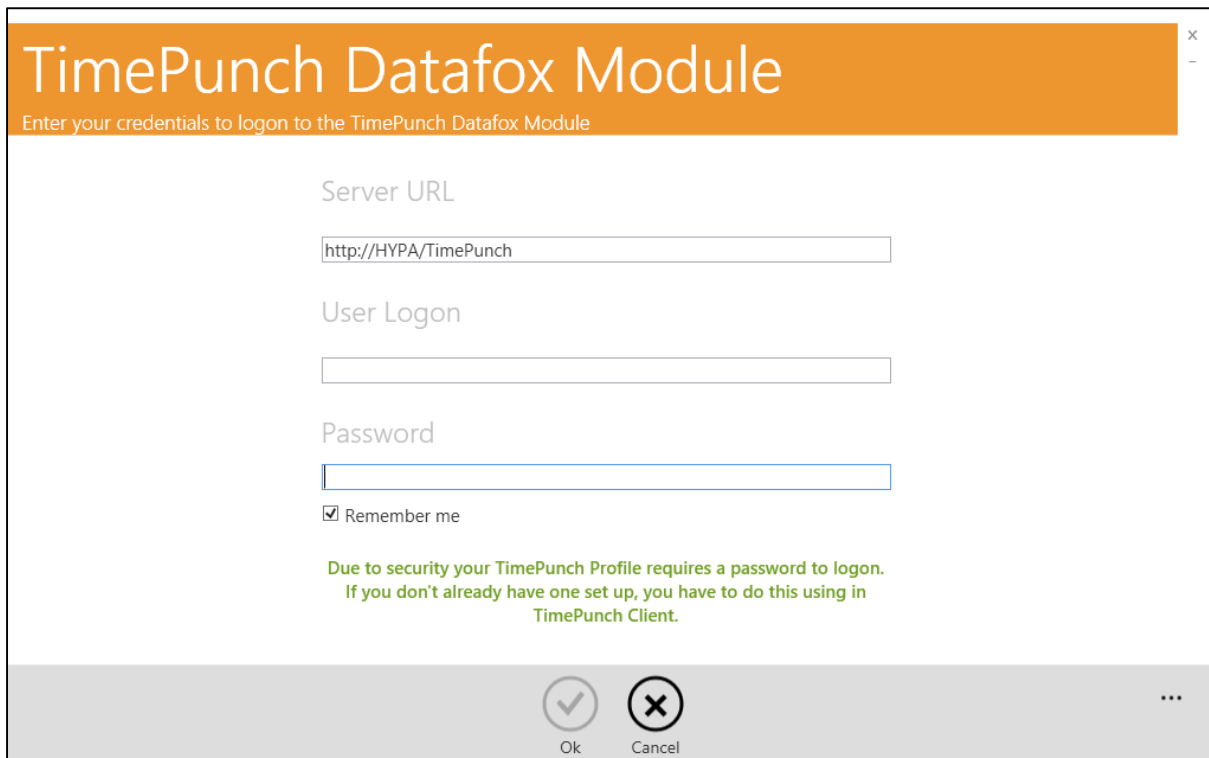
Starting the TimePunch Datafox Module Client

The TimePunch Profiles and transponder data can be administrated with the TimePunch Datafox Module Client. This application can be started with the time recording device symbol in the right upper menu of the TimePunch Application Server.



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After successfully installing the logon dialog of the Datafox module client gets opened.



The image shows a login dialog box titled "TimePunch Datafox Module". Below the title bar, there is a subtitle "Enter your credentials to logon to the TimePunch Datafox Module". The dialog contains three input fields: "Server URL" with the text "http://HYPA/TimePunch", "User Logon", and "Password". Below the "Password" field is a checkbox labeled "Remember me" which is checked. A green message states: "Due to security your TimePunch Profile requires a password to logon. If you don't already have one set up, you have to do this using in TimePunch Client." At the bottom, there are "Ok" and "Cancel" buttons with checkmark and X icons respectively, and a menu icon (three dots) on the right.

Information: When using Google Chrome as the standard browser the server URL won't be filled correctly the first time. In that case the URL of the TimePunch Application Server must be filled in manually.

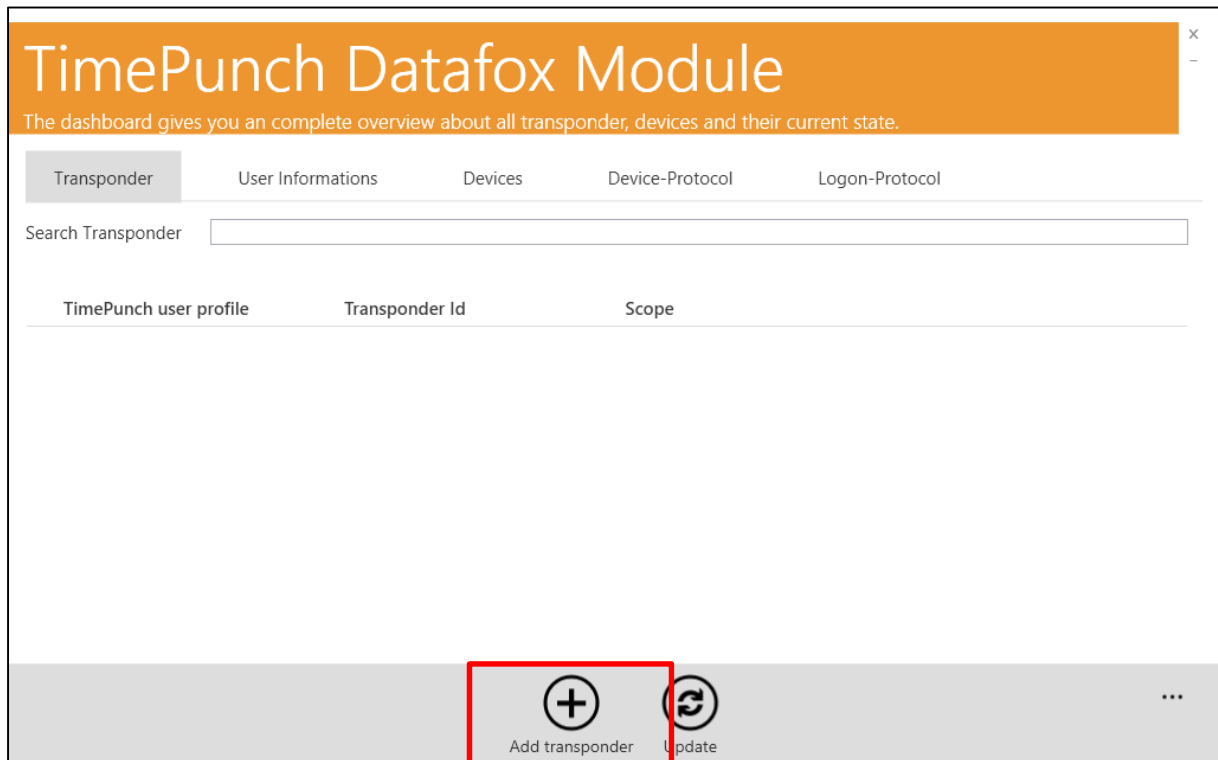
The user and password must be filled accordingly to the profile settings in TimePunch.

Important: Because of security reasons a password is mandatory. If for the used TimePunch profile no password has been set up, this needs to be done in TimePunch in menu "File / Set Password" first.

Assign RFID Transponder to the TimePunch Profiles

After starting the Datafox Client Module the register “Transponder” shows an overview of the already assigned transponder. At the first start this dialog will be empty.

With the button “Add transponder” a new transponder chip can be set up.



With a click to the “Update” button the TimePunch Profiles are getting updated.

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After a click to the button “Add transponder” the following dialog will show up.

The screenshot shows a dialog box titled "TimePunch Datafox Module" with a subtitle "On this page the transponder / employee assignment can be maintained". The dialog is divided into two main sections: "TimePunch User Profile" and "Active information texts".

TimePunch User Profile:

- A text box displays "Hans Krüger (hans_krüger)".
- A label "Transponder Id" is above a text box containing "0004455246563".
- A checkbox is labeled "The transponder is only valid for the selected devices".

Active information texts:

- A checkbox is labeled "Welcome to your workplace. ...".

Device Selection:

- Two tabs are visible: "Available devices" and "Selected devices".
- Under "Available devices", a box contains the text "Büro".
- The "Selected devices" box is currently empty.

Footer:

- Four circular icons are present: a checkmark (Ok), a floppy disk (Apply), an 'X' (Cancel), and a plus sign (Add Info-Text).
- A three-dot menu icon is located to the right of the icons.

After choosing the employee a valid transponder id has to be assigned. Additionally it can be chosen, if the transponder is valid for all or only for special time recording devices.

Information: This can be necessary for integrated entrance rules. Because it can controlled which employee has the right to use special entrances.

Button	Description
OK	The data will be stored and the dialog gets closed.
Apply	The data will be stored but the dialog stays open. Now a new TimePunch Profile can be chosen and the transponder Id can be assigned. With this approach one can quickly add all employees without leaving the dialog.
Cancel	The dialog gets closed without saving.
Add Info-Text	A new dialog gets opened in which a new info text for the employee can be created.

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After adding all TimePunch Profiles that own a transponder, they will show up in the dialog.

TimePunch Datafox Module

The dashboard gives you an complete overview about all transponder, devices and their current state.

Transponder

User Informations


Devices


Device-Protocol

Logon-Protocol

Search Transponder

TimePunch user profile	Transponder Id	Scope
<input type="checkbox"/> Hans Krüger (hans_krüger)	0004455246563	alle
<input type="checkbox"/> Carola Baumann (carola_baumann)	0004455256802	alle
<input type="checkbox"/> Jürgen Urban (jürgen_urban)	0004463318274	alle
<input type="checkbox"/> Kurt Kassner (kurt_kassner)	0004463370573	alle
<input type="checkbox"/> Liselotte Wagner (liselotte_wagner)	0004517092566	alle
<input type="checkbox"/> Sven Schuster (sven_schuster)	0004517227482	alle

Add transponder

Update

...

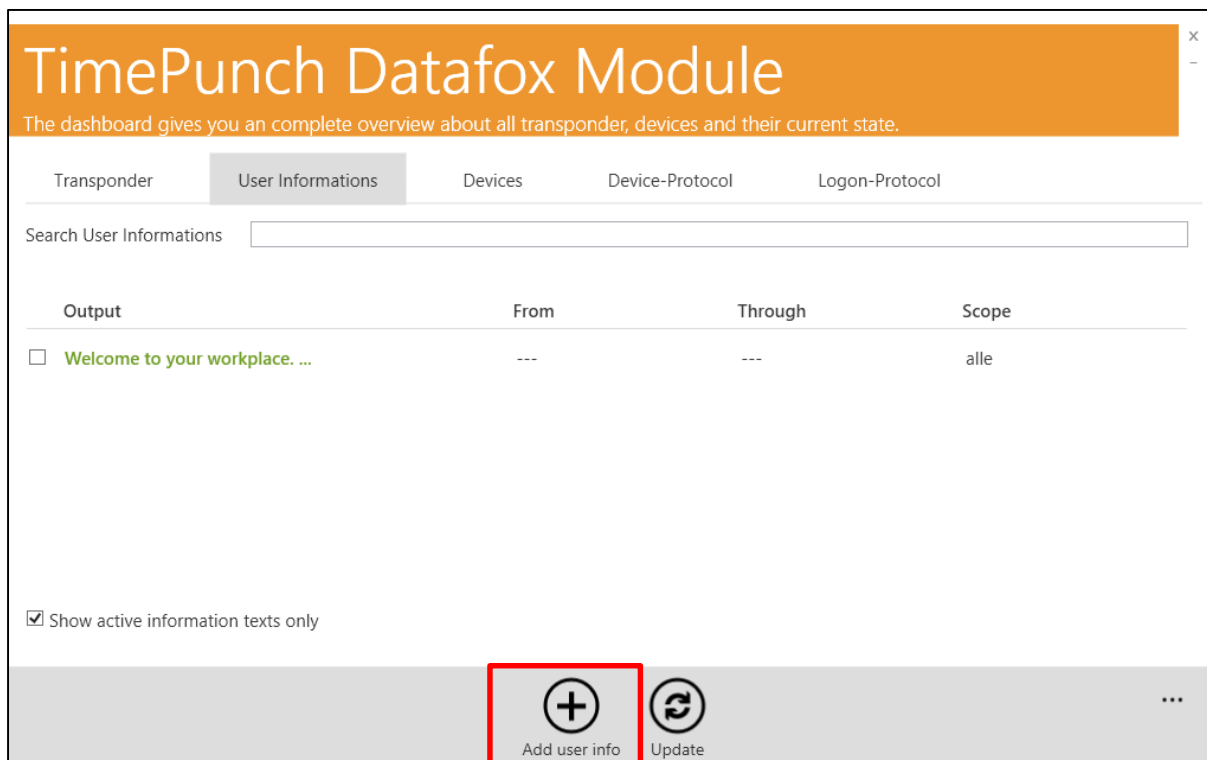
Information: TimePunch Profiles that are stroked out do not own a valid license and therefore cannot logon at the time recording device.

In that case one has to check the user profiles in TimePunch if they all own a valid license.

How to create Info Texts

It is possible to show a welcome message to the employee every time he logs on to the time recording device. This welcome-message can be the same for all employees or different for each.

For example it would be possible to wish every employee a good start of the day, or to inform them about a fire alarm.

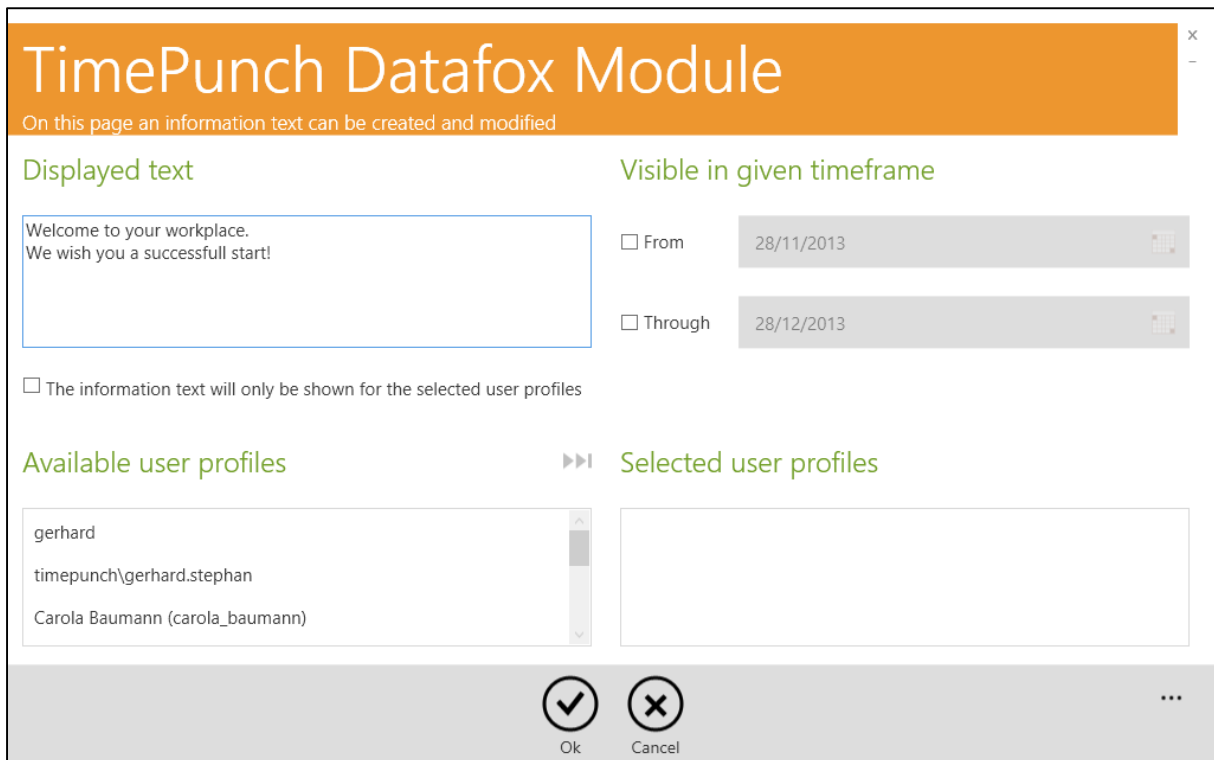


The screenshot shows the 'TimePunch Datafox Module' interface. At the top, there's an orange header with the title and a subtitle: 'The dashboard gives you an complete overview about all transponder, devices and their current state.' Below the header, there are five tabs: 'Transponder', 'User Informations' (which is selected), 'Devices', 'Device-Protocol', and 'Logon-Protocol'. Under the 'User Informations' tab, there is a search bar labeled 'Search User Informations'. Below the search bar, there is a table with four columns: 'Output', 'From', 'Through', and 'Scope'. The table contains one row with the text 'Welcome to your workplace. ...' in the 'Output' column, '---' in the 'From' column, '---' in the 'Through' column, and 'alle' in the 'Scope' column. At the bottom left, there is a checkbox labeled 'Show active information texts only' which is checked. At the bottom right, there are two buttons: 'Add user info' (with a plus icon) and 'Update' (with a refresh icon). The 'Add user info' button is highlighted with a red rectangle.

Button	Description
Add user-info	This button opens a new dialog in that a new info text can be created.
Update	This button updates the dialog.
Only show active information texts	If this check box is activated, only the current info-texts are displayed. If the check box is not activated, also outdated info-texts are displayed.

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After clicking the “Add Info-Text” button a new dialog will be opened.



The screenshot shows a dialog box titled "TimePunch Datafox Module" with a subtitle "On this page an information text can be created and modified". The dialog is divided into two main sections: "Displayed text" and "Visible in given timeframe".

Displayed text: A text input field contains the message "Welcome to your workplace. We wish you a successfull start!". Below this field is a checkbox labeled "The information text will only be shown for the selected user profiles".

Visible in given timeframe: This section includes two date pickers. The first is labeled "From" and shows the date "28/11/2013". The second is labeled "Through" and shows the date "28/12/2013".

User Profiles: Below the timeframe section, there are two lists. The "Available user profiles" list contains three entries: "gerhard", "timepunch\gerhard.stephan", and "Carola Baumann (carola_baumann)". The "Selected user profiles" list is currently empty.

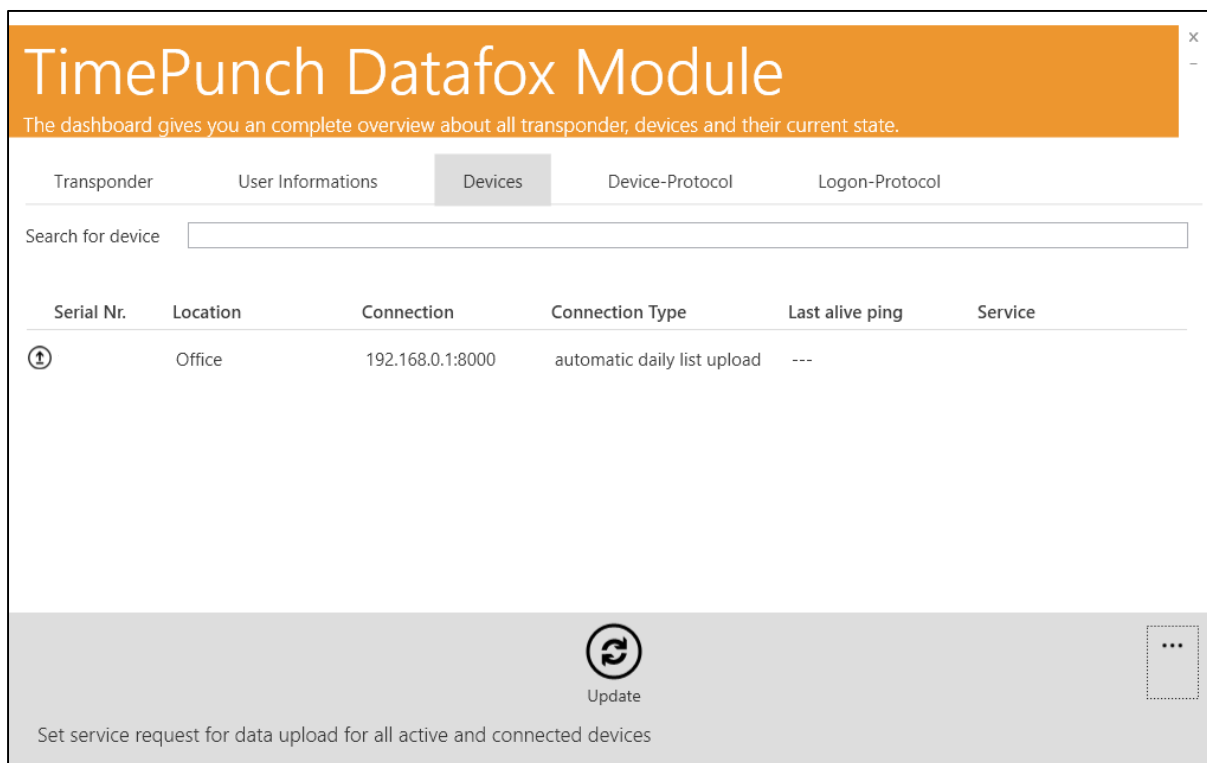
Buttons: At the bottom of the dialog, there are two buttons: "Ok" (represented by a checkmark icon) and "Cancel" (represented by an 'X' icon). A three-dot menu icon is also visible on the right side of the bottom bar.

In the display text input field the welcome-message can be defined. Additionally the valid time range can be defined, as well as the message can be restricted to various TimePunch profiles.

By using the “ok” button the info text gets stored in database.

Uploading the transponder data and info-texts

As soon as the transponders are added and the info-texts created, the data has to be transferred to the Datafox time recording device. Depending on the chosen connection type there are different possibilities to do this.



The screenshot shows the 'TimePunch Datafox Module' dashboard. The header is orange with the title 'TimePunch Datafox Module' and a subtitle 'The dashboard gives you an complete overview about all transponder, devices and their current state.' Below the header is a navigation bar with tabs: 'Transponder', 'User Informations', 'Devices' (selected), 'Device-Protocol', and 'Logon-Protocol'. A search bar labeled 'Search for device' is below the tabs. The main content area displays a table with the following columns: 'Serial Nr.', 'Location', 'Connection', 'Connection Type', 'Last alive ping', and 'Service'. There is one row of data: '1' (with a refresh icon), 'Office', '192.168.0.1:8000', 'automatic daily list upload', '---', and an empty cell. At the bottom, there is a large 'Update' button with a circular refresh icon and a text label 'Update'. Below the button is a link: 'Set service request for data upload for all active and connected devices'. A menu icon (three dots) is visible in the bottom right corner.

Serial Nr.	Location	Connection	Connection Type	Last alive ping	Service
1	Office	192.168.0.1:8000	automatic daily list upload	---	

Update

Set service request for data upload for all active and connected devices

Device sends data and will updated daily:

The automatic update should be the standard case when the Datafox time recording device has been set up stationary and connected to the local network. In that case all data gets updated automatically at 10 o'clock pm.

Additionally the update can be invoked with a click to the "Upload" button in front of the device. Alternatively all connected devices can be updated with a click to the menu "Update all connected devices" in the "..." menu.

Datafox time recording devices that are set up with the automatic update will send every minute a so called alive ping. That ensures that the device is still connected and available in the network.

Information: After the click to "data upload" it can take one to two minutes until the data transfer finished. This is because the update service waits until the next alive ping before the update starts.

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Device sends data, but will be updated only manually:

This connection type is identical to the first, but with the difference that the device won't be updated every night.

That's useful e.g. for the TimeBoy, because the device is only connected via GPRS and therefore an automatic update can't be provided.

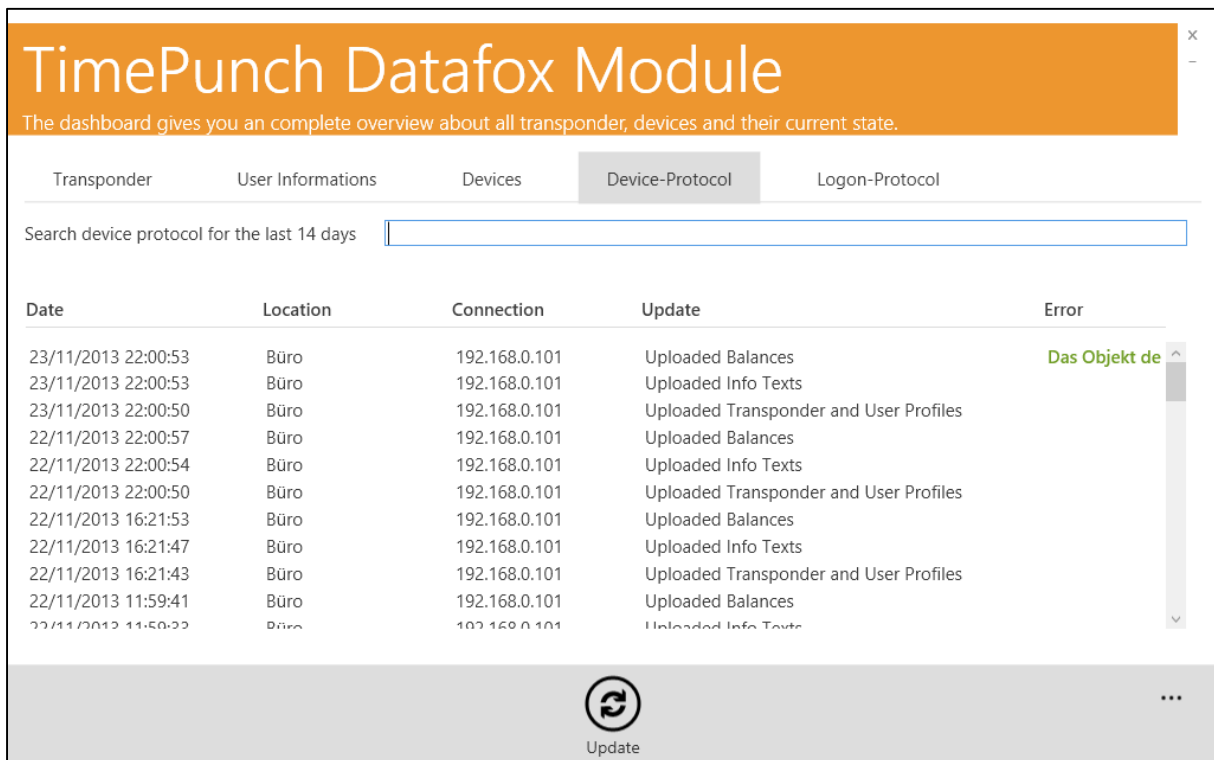
Server polls data and will update the device daily:

Not every device supports active sending the data to the server. If that's not supported by the device, the server needs to poll the data from the device every minute.

After receiving the data, the server sets the alive ping like it is done in the first connection type. So it can be validated, that the device is reachable by the server and the connection could be established.

Checking the device protocol

The data upload will be tracked in the device protocol. Within that dialog the protocol of the last 14 days gets displayed. If there have been errors while updating the transponder or time-account data, they will be displayed at this place.



The screenshot shows the 'TimePunch Datafox Module' interface. The title bar is orange with the text 'TimePunch Datafox Module' and a subtitle 'The dashboard gives you an complete overview about all transponder, devices and their current state.' Below the title bar is a navigation bar with tabs: 'Transponder', 'User Informations', 'Devices', 'Device-Protocol' (selected), and 'Logon-Protocol'. A search bar is present with the text 'Search device protocol for the last 14 days'. Below the search bar is a table with the following columns: 'Date', 'Location', 'Connection', 'Update', and 'Error'. The table contains several rows of data, including dates like '23/11/2013 22:00:53' and locations like 'Büro'. The 'Update' column shows actions like 'Uploaded Balances' and 'Uploaded Info Texts'. The 'Error' column shows 'Das Objekt de'. At the bottom of the interface is a large grey button with a circular arrow icon and the text 'Update'.

Date	Location	Connection	Update	Error
23/11/2013 22:00:53	Büro	192.168.0.101	Uploaded Balances	Das Objekt de
23/11/2013 22:00:53	Büro	192.168.0.101	Uploaded Info Texts	
23/11/2013 22:00:50	Büro	192.168.0.101	Uploaded Transponder and User Profiles	
22/11/2013 22:00:57	Büro	192.168.0.101	Uploaded Balances	
22/11/2013 22:00:54	Büro	192.168.0.101	Uploaded Info Texts	
22/11/2013 22:00:50	Büro	192.168.0.101	Uploaded Transponder and User Profiles	
22/11/2013 16:21:53	Büro	192.168.0.101	Uploaded Balances	
22/11/2013 16:21:47	Büro	192.168.0.101	Uploaded Info Texts	
22/11/2013 16:21:43	Büro	192.168.0.101	Uploaded Transponder and User Profiles	
22/11/2013 11:59:41	Büro	192.168.0.101	Uploaded Balances	
22/11/2013 11:59:33	Büro	192.168.0.101	Uploaded Info Texts	

With a click to the button "Update" the device protocol gets updated.

Checking the logon protocol

The logon protocol contains all logon/logoff messages for all users of the last 14 days. This can be important, if an employee has not been logged off in the evening. So the not closed time entry gets lost and the work-time is missing for the employee.

Using the logon protocol the login in the morning can be used in order to reconstruct the missing time entry.

TimePunch Datafox Module

The dashboard gives you an complete overview about all transponder, devices and their current state.

Transponder

User Informations


Devices

Device-Protocol

Logon-Protocol

Search logon protocol for the last 14 days

Logon/Logoff Time	Type	Transponder Id	TimePunch user profile	Processed at	Err
23/11/2013 19:31:42	leaving	0004455256802	Carola Baumann (carola_baumann)	23/11/2013 19:31:39	
23/11/2013 19:31:27	coming	0004455256802	Carola Baumann (carola_baumann)	23/11/2013 19:31:24	
23/11/2013 19:06:52	leaving	0004455246563	Hans Krüger (hans_krüger)	23/11/2013 19:06:57	
23/11/2013 19:06:18	leaving	0004463318274	Jürgen Urban (jürgen_urban)	23/11/2013 19:06:48	
23/11/2013 12:55:38	coming	0004463370573	Kurt Kassner (kurt_kassner)	23/11/2013 19:06:47	
23/11/2013 12:55:27	coming	0004463318274	Jürgen Urban (jürgen_urban)	23/11/2013 19:06:45	
23/11/2013 12:55:15	coming	0004455246563	Hans Krüger (hans_krüger)	23/11/2013 19:06:44	
23/11/2013 11:22:45	leaving	0004455246563	Hans Krüger (hans_krüger)	23/11/2013 19:06:43	
23/11/2013 11:22:39	leaving	0004463318274	Jürgen Urban (jürgen_urban)	23/11/2013 19:06:42	
23/11/2013 11:22:31	leaving	0004463370573	Kurt Kassner (kurt_kassner)	23/11/2013 19:06:40	
23/11/2013 09:13:06	coming	0004463370573	Kurt Kassner (kurt_kassner)	23/11/2013 19:06:39	



Update

With a click to the button “Update” the logon protocol gets updated.

Configuration

At the configuration page of the module the basic settings used for the time recording can be changed.

TimePunch Datafox Modul

Das Dashboard gibt Ihnen einen vollständigen Überblick über alle Transponder, Geräte und deren aktuellen Zustand.

Transponder Benutzer Info-Texte Geräte Geräteprotokoll Anmeldeprotokoll Konfiguration

Arbeitszeit-Projekt

Arbeitszeit

Dienstgang-Projekt

Dienstgang

Aufzeichnungsgenauigkeit

Minutengenau

Transponder Schlüssellänge

13 stellig

Übernehmen

The working time project defines the project that is used for regular time recording. The standard for this project is “working-time”.

The short business trip project defines the project that is used for short business trips. Additionally it is possible in TimePunch to define several tasks that can be used to distinct the short business trips, e.g. customer meeting or public authority.

The recording precision defines the rounding that is used for the time recording. The standard is exact to the minute.

Depending on the transponder that is used, the key length may vary. The key length for our standard transponder, e.g. is 13 digits. Please contact our support if you are not sure what key length to use.

After changing the settings, they must be saved by clicking the “Apply” button.

Configuration entries

The file “TimePunch.ini” that is stored in the directory “C:\ProgramData\TimePunch” contains additional technical settings.

Changing these settings should only be done by the Support Team of TimePunch. These settings can have direct effect on the ability-to-run the Datafox Module.

All Datafox relevant settings are below the [Datafox] section.

Entry	Default	Description
HOST_ADDRESS		In case the host address has not been set, it will be evaluated dynamically. That’s the default.
LISTENER_PORT	8001	The port that is used for the active connections.
ACTIVEMODE_TIMEOUT	5000	Timeout of the active connections in Milliseconds.
ALIVEPING	45	Amount of seconds after that an alive-ping will be send.
MAX_CONNECTIONS	20	Amount of the maximum connections that can accessed simultaneously by TimePunch.
UPDATE_INTERVAL	60	Amount of seconds after that TimePunch check, if the Datafox device needs an update.
MAX_OFFSET_MINUTES	20	Max. Amount of the minutes that the Datafox device is allowed to wait before the time-entry must send to the TimePunch Host. If the Datafox device is not connected or not fast enough, a new time entry gets created, instead of starting the active time recording.
REQUEST_TIMEOUT	5000	Timeout that is used for the communication with the Datafox time-recording device.
MAX_DURATION_HOURS	16	Max. Duration of a recorded time entry.
IP_TIMEOUT	5000	Network Time-out in milliseconds.
DEVICE_UPDATETIME	22:00	Daily update time of the Datafox module. That’s the time when the daily data upload takes place.
MAX_SEARCH_RESULTS	500	Amount of the maximum search entries that are displayed in the logon protocol. If the search exceeds the maximum search entries, the user has to refine his search in order to get a more specific search result.

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